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INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE, AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS, CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB, DRUGMONOG2, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 08:57:07 ON 30 JAN 2006  
SEA FIBROMYALGIA AND VACCINIA

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1 FILE BIOTECHABS  
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1 FILE TOXCENTER  
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L1 QUE FIBROMYALGIA AND VACCINIA

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FILE 'CAPLUS' ENTERED AT 08:58:15 ON 30 JAN 2006  
L2 3 S FIBROMYALGIA AND VACCINIA

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FILE 'WPIDS' ENTERED AT 09:00:26 ON 30 JAN 2006  
L3 4 S FIBROMYALGIA AND VACCINIA

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L2 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN  
 AN 2005:238835 CAPLUS  
 DN 142:309887  
 TI Use of poxvirus complement inhibiting proteins in treatment of rheumatic diseases  
 IN Kotwal, Girish J.; Jha, Purushottam  
 PA University of Louisville Research Foundation, Inc., USA  
 SO PCT Int. Appl., 49 pp.  
 CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2005023296	A1	20050317	WO 2004-US28936	20040903
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

PRAI US 2003-500666P P 20030905

RE.CNT 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2004:387330 CAPLUS

TI Remedy for fibromyalgia

IN Nishioka, Kusuki

PA Nippon Zoki Pharmaceutical Co., Ltd., Japan

SO PCT Int. Appl.

CODEN: PIXXD2

DT Patent

LA Japanese

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2004039383	A1	20040513	WO 2003-JP13999	20031031
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2503810	AA	20040513	CA 2003-2503810	20031031
EP 1566178	A1	20050824	EP 2003-770087	20031031
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PRAI JP 2002-317011 A 20021031  
WO 2003-JP13999 W 20031031RE.CNT 59 THERE ARE 59 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2002:450339 CAPLUS

DN 137:28294

TI LL-37 is an immunostimulant

IN Chertov, Oleg; Oppenheim, Joost J.; Yang, De; Anderson, Glenn M.; Wooters,

PA Joseph M.  
PA USA  
SO U.S. Pat. Appl. Publ., 12 pp.  
CODEN: USXXCO  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2002072495	A1	20020613	US 2001-960876	20010921
	US 2004013679	A1	20040122	US 2003-619715	20030714
PRAI	US 2000-233983P	P	20000921		
	US 2001-960876	B1	20010921		

=> d 12 1-3 ab

L2 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN

AB The present invention relates to the treatment of rheumatic diseases with a **vaccinia** virus complement control protein (VCP) or other poxvirus complement inhibiting proteins. In particular, it relates to treatment of osteoarthritis, rheumatoid arthritis, juvenile rheumatoid arthritis, **fibromyalgia**, systemic lupus erythematosus, scleroderma, spondyloarthropathy, ankylosing spondylitis, Reiter's syndrome, gout, infectious arthritis, Lyme disease, polymyalgia rheumatica, polymyositis, psoriatic arthritis, tendonitis, bursitis, and inflammation. The poxvirus complement inhibiting proteins are administered in a dosage of at least 25 mg/kg.

L2 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN

AB A remedy for **fibromyalgia** containing an extract of a tissue suffering from **vaccinia** virus inoculation-induced inflammation as the active ingredient, use of the extract of a tissue suffering from **vaccinia** virus inoculation-induced inflammation as the active ingredient for producing a medicinal composition for treating **fibromyalgia**, and a method of treating **fibromyalgia** which comprises administering a medicinal composition containing the extract of a tissue suffering from **vaccinia** virus inoculation-induced inflammation as the active ingredient to a patient. The remedy containing the extract of a tissue suffering from **vaccinia** virus inoculation-induced inflammation as the active ingredient is a novel remedy for **fibromyalgia** no efficacious remedy for which has been known so far. Moreover, it is highly useful as a highly safe and potent drug with scarcely any side effects.

L2 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN

AB The invention provides a method of enhancing an immune response in a subject, comprising administering an effective amount of LL-37. Moreover, the invention provides a method of enhancing in a subject an immune response to a vaccine, comprising administering to the subject an effective amount of LL-37 with a vaccine. Further provided is a method of detecting a compound that decreases an immune response in a subject. A method of treating an autoimmune disease in a subject is thus provided. Also provided is a vaccine comprising an immunogen and LL-37.


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**Arthritis Res Ther**

 Volume 5  
 Suppl 3

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**Poster presentation**
**Clinical feature of fibromyalgia syndrome in Japan and novel strategy in the treatment by bioproduct (Neurotropin)**
**H Nakamura<sup>1</sup>, K Hoshi<sup>1</sup>, T Kato<sup>1</sup>, S Ozaki<sup>2</sup>, M Nishioka<sup>3</sup> and K Nishioka<sup>1</sup>**
<sup>1</sup>Department of Bioregulation, Institute of Medical Science, St Marianna University, Kawasaki, Japan

<sup>2</sup>Department of Rheumatology, St Marianna University, Kawasaki, Japan

<sup>3</sup>Jikei University School of Medicine, Tokyo, Japan

*from 3<sup>rd</sup> World Congress of the Global Arthritis Research Network (GARN): International Arthritis Summit  
 Summit Hall at Sheraton Resorts in Miyazaki, Japan, 14–17 September 2003*
*Arthritis Res Ther* 2003, **5**(Suppl 3):170 doi:10.1186/ar971

**Published** 12 September 2003

## Purpose

Fibromyalgia syndrome (FMS) is a controversial disorder of unknown etiology. Because of lack of laboratory and objective findings, many patients have been ignored, misdiagnosed or referred to a psychiatrist. Recently, the number of FMS patients has been increasing in Japan. The purpose of this study is to elucidate the clinical feature of FMS and to evaluate the clinical efficacy of Neurotropin (extracted from inflammatory cutaneous tissue of rabbits inoculated with vaccinia virus) for FMS associated with neck or back pain.

## Methods

Subjective complaints, tender points and clinical findings were assessed and routine laboratory examination was carried out in 70 FMS patients. Among them, 23 patients were treated with Neurotropin, administered orally and intravenously. Patients' assessment and the number of tender points were evaluated after the treatment.

## Results

Subjective complaints were composed of fatigue, sleep disturbance, depression, anxiety and headache, as well as widespread pain. The mode of pain ranged from cutting pain to touch pain. In serious cases, patients could not even move the joints nor stand by themselves. Neurotropin treatment was effective in 16 out of 23 patients.

Further investigation will be needed to comprehend the present status of FMS in Japan and to elucidate its etiology. The effect of Neurotropin on FMS also needs to be evaluated.

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L12 ANSWER 1 OF 2 MEDLINE on STN  
AN 83041979 MEDLINE  
DN PubMed ID: 6958083  
TI [Local treatment of soft tissue rheumatism with a hemoderivative].  
Die lokale Behandlung des "Weichteilrheumatismus" mit einem Hamoderivat.  
AU Manns K J  
SO Therapie der Gegenwart, (1982 Aug) 121 (8) 476-84.  
Journal code: 0413576. ISSN: 0040-5965.  
CY GERMANY, WEST: Germany, Federal Republic of  
DT Journal; Article; (JOURNAL ARTICLE)  
LA German  
FS Priority Journals  
EM 198212  
ED Entered STN: 19900317  
Last Updated on STN: 19900317  
Entered Medline: 19821221

L12 ANSWER 2 OF 2 MEDLINE on STN  
AN 69202165 MEDLINE  
DN PubMed ID: 4239331  
TI Theoretical mechanism of production of the symptom stiffness.  
AU Bland J H  
SO Federation proceedings, (1969 May-Jun) 28 (3) 1073-9.  
Journal code: 0372771. ISSN: 0014-9446.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 196907  
ED Entered STN: 19900101  
Last Updated on STN: 19970203  
Entered Medline: 19690725

## WEST Search History

DATE: Monday, January 30, 2006

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1: [Yoshii H, Fukata Y, Yamamoto K, Naiki M, Suehiro S, Yanagihara Y, Okudaira H.](#)

Neurotropin inhibits accumulation of eosinophils induced by allergen through the suppression of sensitized T-cells.  
Int J Immunopharmacol. 1995 Nov;17(11):879-86.  
PMID: 8788117 [PubMed - indexed for MEDLINE]

2: [Yoshii H, Suehiro S, Watanabe K, Yanagihara Y.](#)

Immunopharmacological actions of an extract isolated from inflamed skin of rabbits inoculated with vaccinia virus (neurotropin); enhancing effect on delayed type hypersensitivity response through the induction of Lyt-1+2- T cells.  
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A complex of histamine/mouse gamma-globulin preferentially inhibits allergen-induced peritoneal accumulation of eosinophils, but not neutrophils, in mice.  
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 [Inhibitory effect of histamine-added mouse gamma-globulin on eosinophil accumulation induced by allergen in BALB/c mice]  
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J Allergy Clin Immunol. 2003 Oct;112(4 Suppl):S89-95.  
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 Requirement for lymphocytes and resident macrophages in LPS-induced pleural eosinophil accumulation.  
*J Leukoc Biol.* 1994 Aug;56(2):151-8.  
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*J Neuroimmunol.* 1991 Dec;35(1-3):237-45.  
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17: [Corry DB, Grunig G, Hadeiba H, Kurup VP, Warnock ML, Sheppard D, Rennick DM, Locksley RM.](#) Related Articles, Links  
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*Nippon Yakurigaku Zasshi.* 1981 Nov;78(5):451-8. Japanese.  
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 PMID: 9067529 [PubMed - indexed for MEDLINE]

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